WIRELESS LOCAL AREA NETWORK REAL-TIME QUALITY MANAGEMENT

ABSTRACT OF THE DISCLOSURE

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        The present invention provides a Wireless Local Area
Network (WLAN) terminal, having a wireless interface that
exchanges packetized communications with servicing Access
Points (APs). A processing unit communicatively coupled to
the wireless interface selects an appropriate programmable
COder/DECoder (CODEC) with which to convert incoming
packetized communications to incoming user communications, and
outgoing   user   communications   to   outgoing   packetized
communications. A user interface coupled to the programmable
CODEC receives the incoming user communications and produces
the   outgoing   user   communications.   The   processing   unit
monitors the serviced packetized communications to determine a
communication   quality   level   delivered   by   the   wireless
interface.   Then the processing unit chooses the selected
coding scheme based upon the communication quality level.